

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022124\
 Data File : VX040372.D
 Acq On : 21 Feb 2024 11:36
 Operator : JC/MD
 Sample : VX0221WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBL01

Quant Time: Feb 22 01:04:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

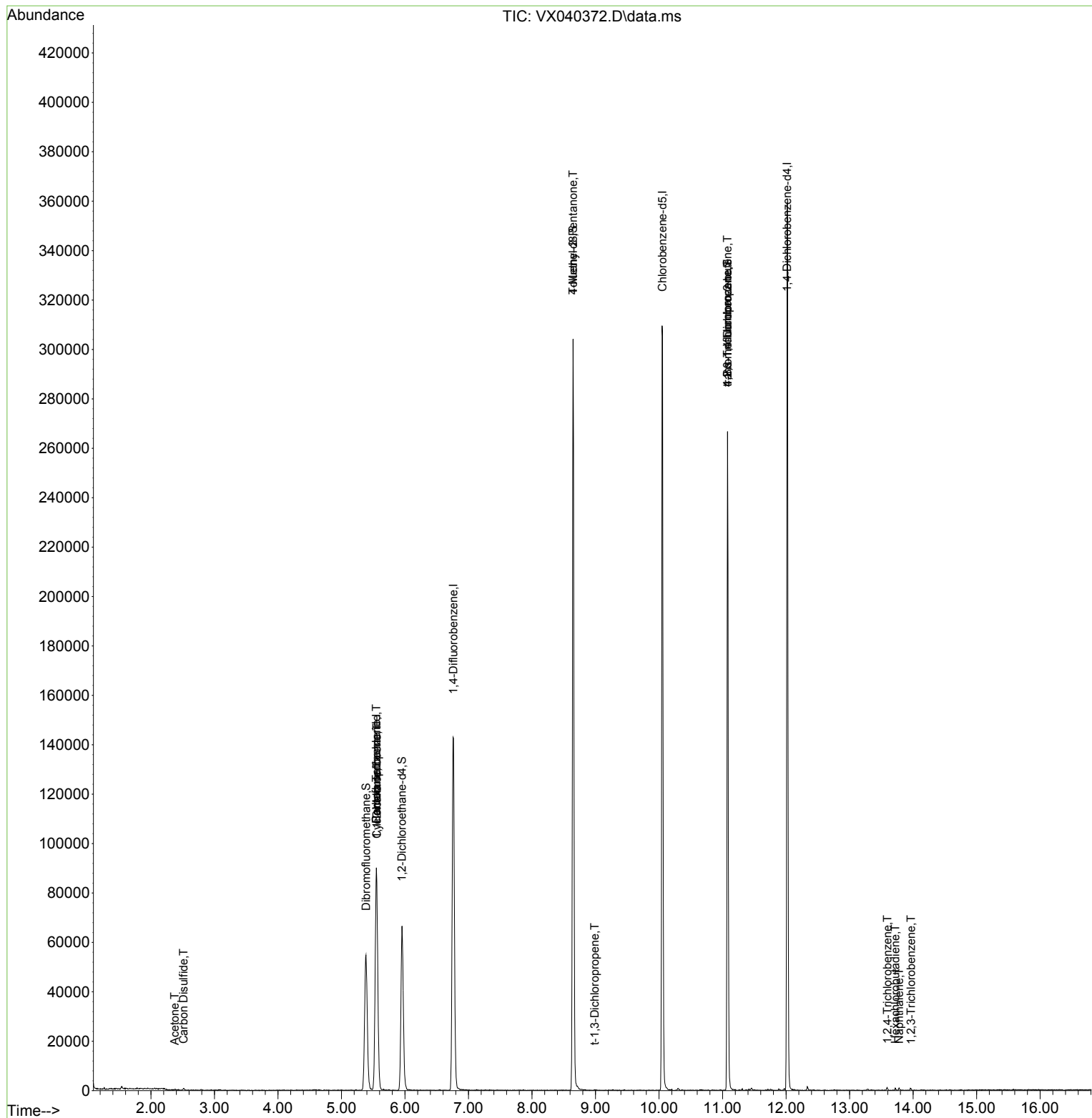
Internal Standards						
1) Pentafluorobenzene	5.550	168	80699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62394	51.971	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.940%
35) Dibromofluoromethane	5.385	113	47011	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	8.647	98	176215	47.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.020%
62) 4-Bromofluorobenzene	11.079	95	68098	44.543	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.080%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	179	0.363	ug/l #	47
17) Carbon Disulfide	2.514	76	583	0.268	ug/l #	93
20) Methylene Chloride	2.800	84	118	Below Cal	#	53
31) Cyclohexane	5.556	56	2231	1.558	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	7485	5.332	ug/l #	46
38) Carbon Tetrachloride	5.550	117	8680	6.503	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	898	0.539	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	29	1.975	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	37591	26.681	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37591	73.155	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	375	0.247	ug/l #	85
94) Hexachlorobutadiene	13.719	225	255	0.420	ug/l #	68
95) Naphthalene	13.780	128	1010	0.210	ug/l #	74
96) 1,2,3-Trichlorobenzene	13.969	180	345	0.238	ug/l	80

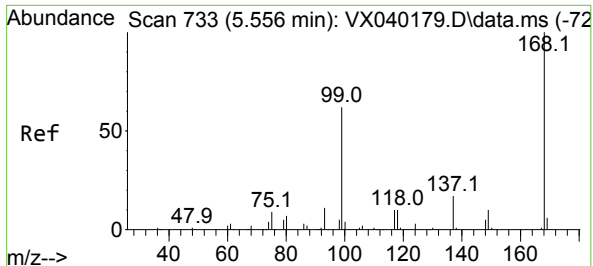
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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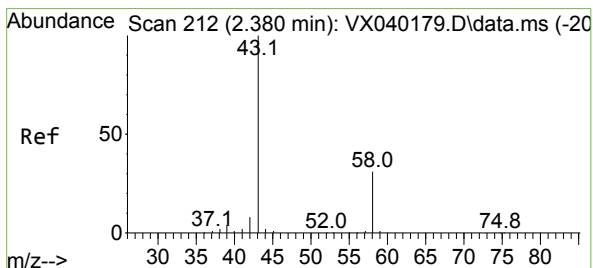
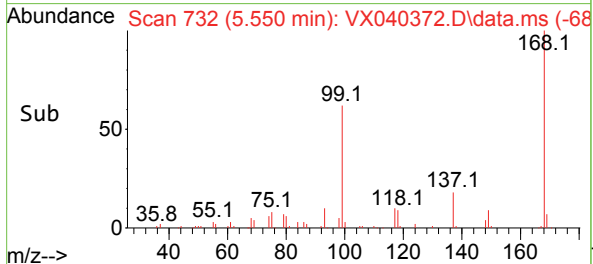
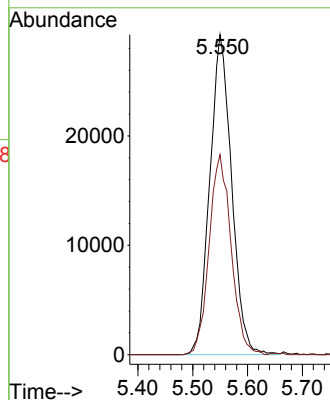
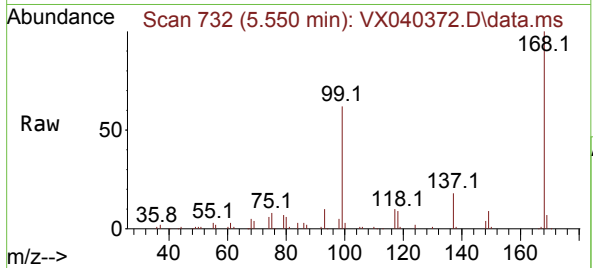




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

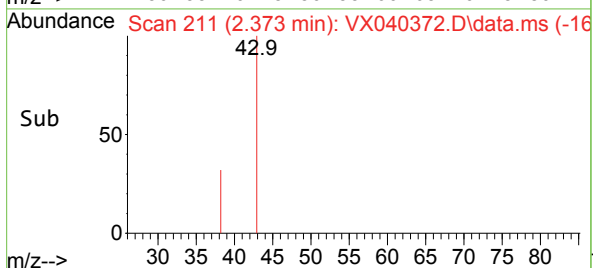
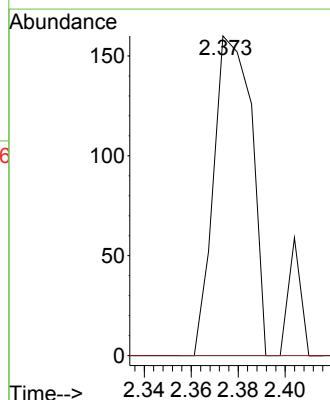
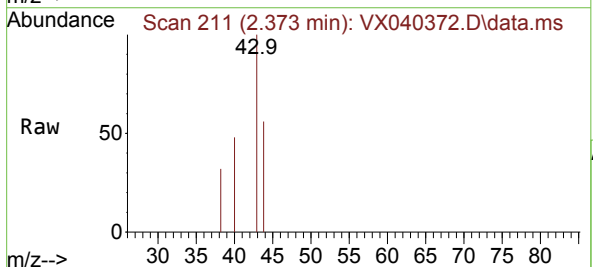
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

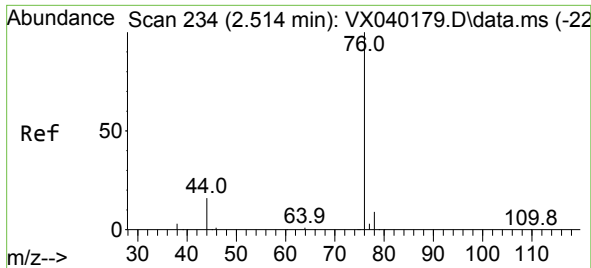
Tgt Ion:168 Resp: 80699
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#16
Acetone
Concen: 0.363 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Tgt Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.268 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

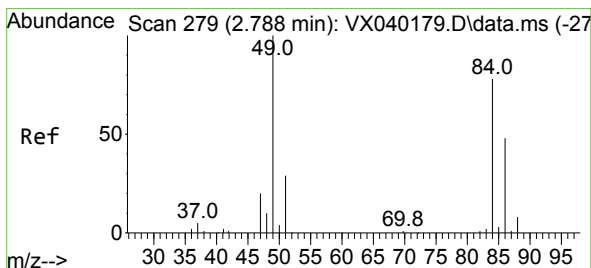
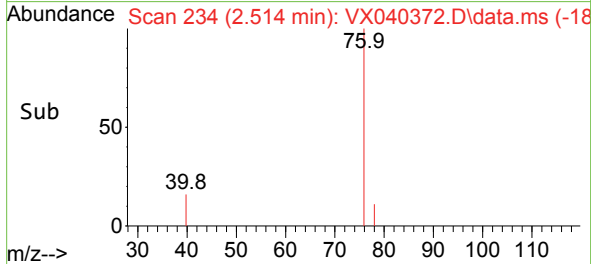
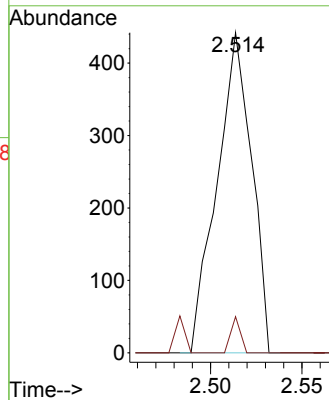
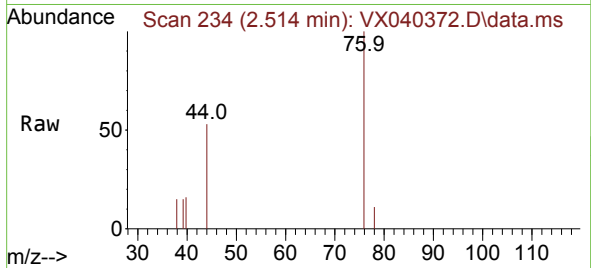
VX0221WBL01

Tgt Ion: 76 Resp: 583

Ion Ratio Lower Upper

76 100

78 11.3 7.0 10.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

Tgt Ion: 84 Resp: 118

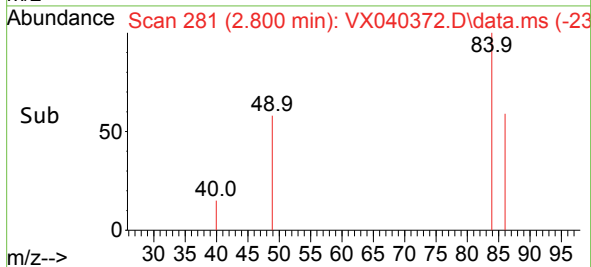
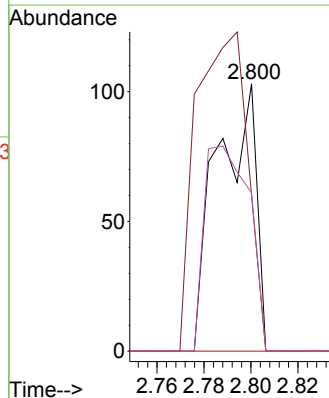
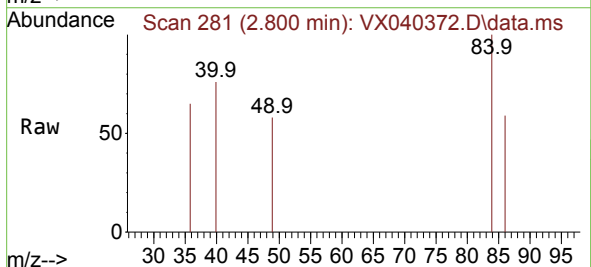
Ion Ratio Lower Upper

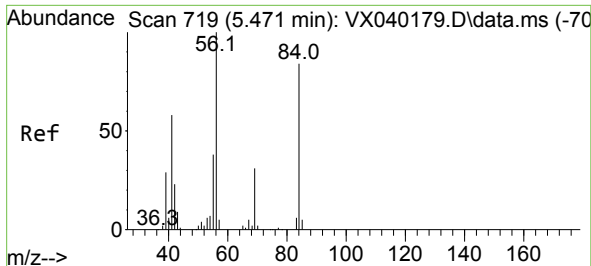
84 100

49 58.3 103.6 155.4#

51 0.0 33.8 50.6#

86 59.2 49.4 74.0

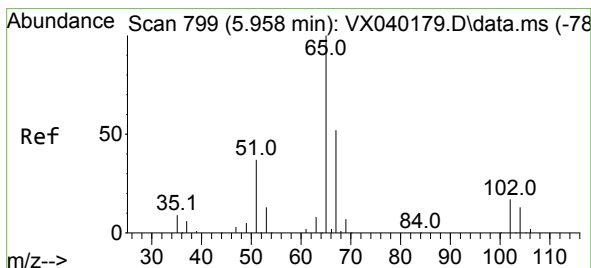
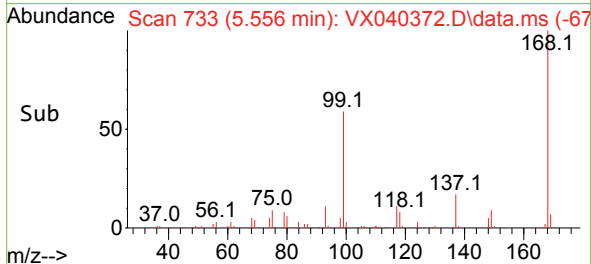
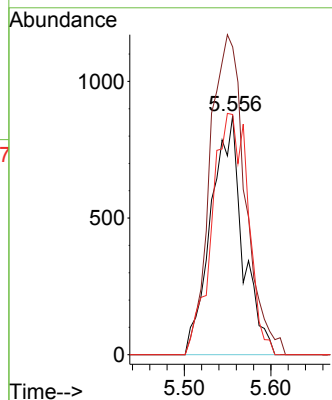
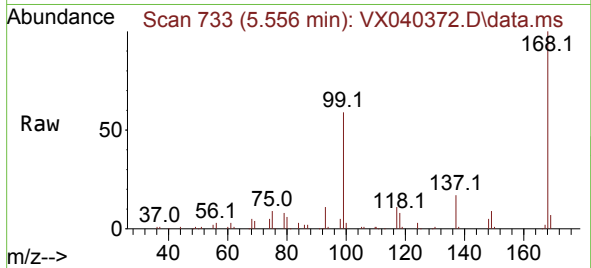




#31
Cyclohexane
Concen: 1.558 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

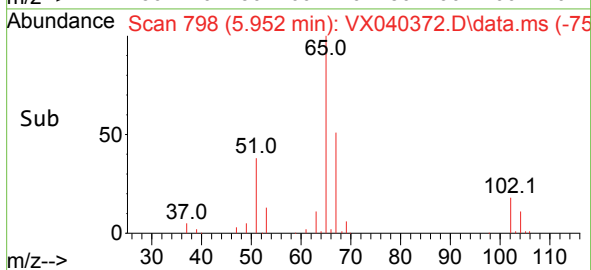
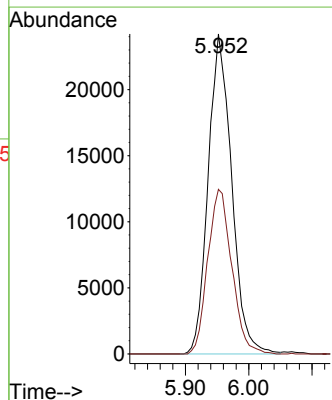
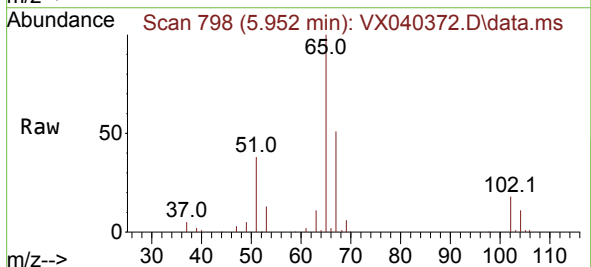
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

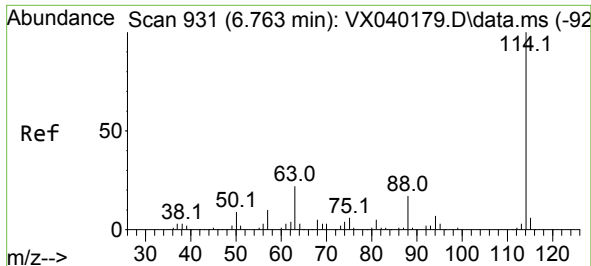
Tgt Ion: 56 Resp: 2231
Ion Ratio Lower Upper
56 100
69 128.7 23.4 35.2#
84 100.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 51.971 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Tgt Ion: 65 Resp: 62394
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

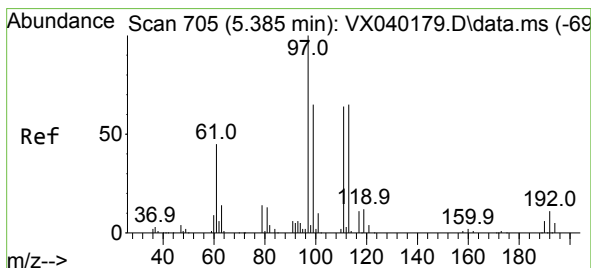
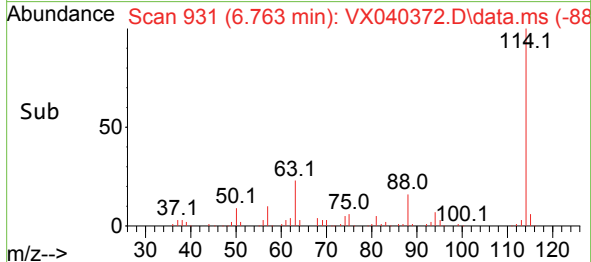
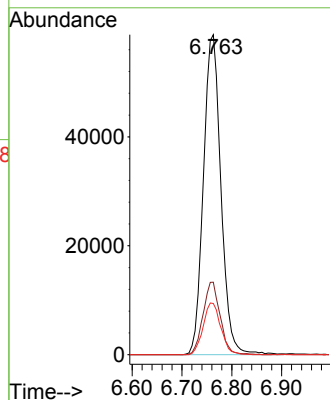
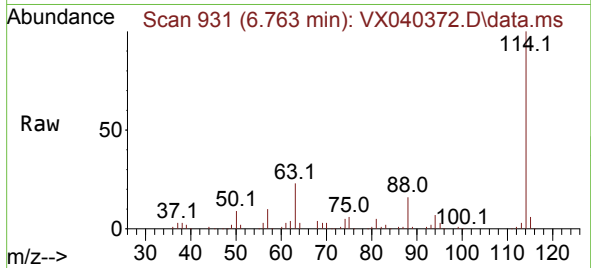




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

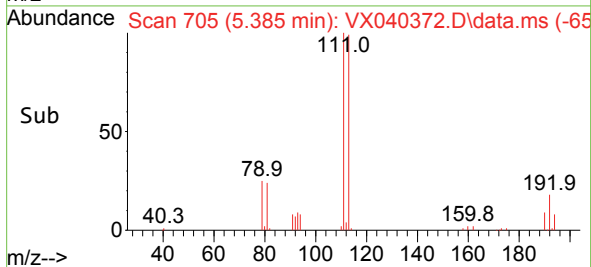
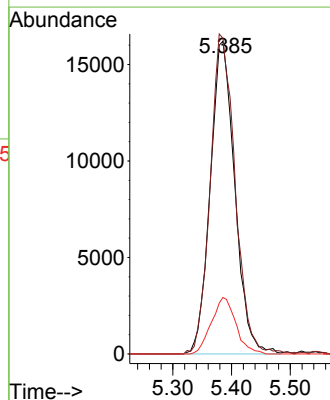
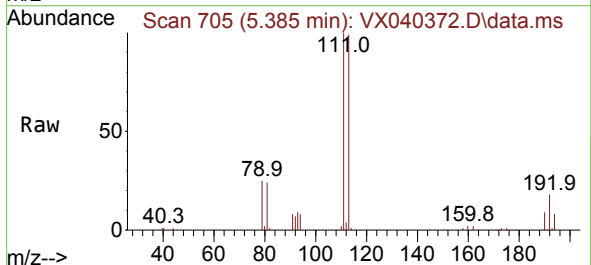
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

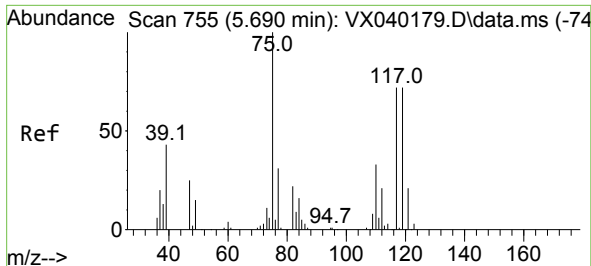
Tgt Ion:114 Resp: 143497
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.912 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Tgt Ion:113 Resp: 47011
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.0 13.3 19.9

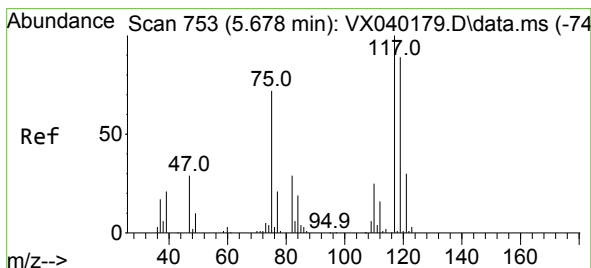
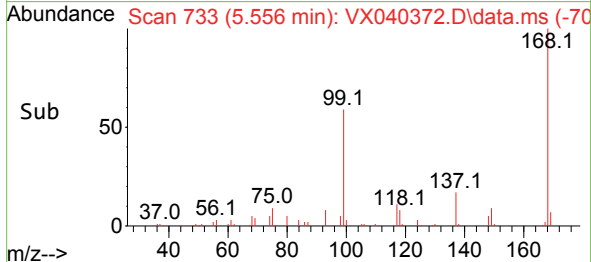
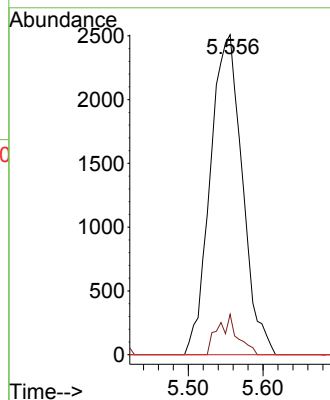
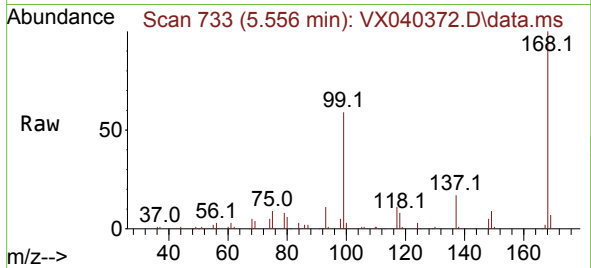




#36
1,1-Dichloropropene
Concen: 5.332 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

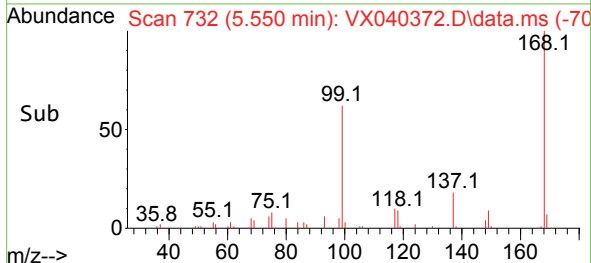
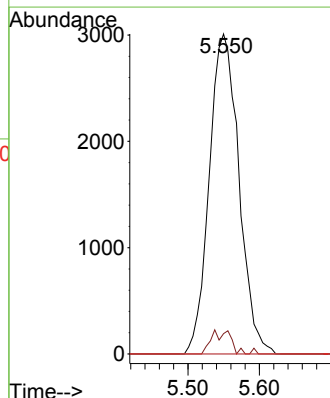
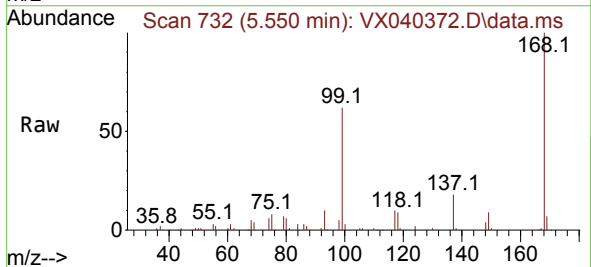
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01

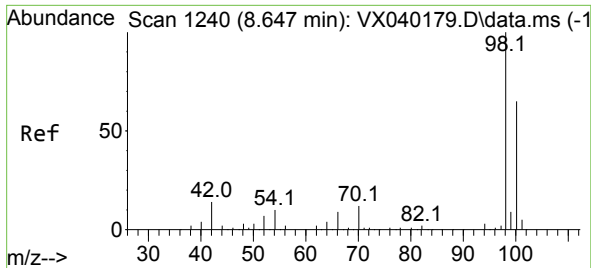
Tgt Ion: 75 Resp: 7485
Ion Ratio Lower Upper
75 100
110 3.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.503 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Tgt Ion: 117 Resp: 8680
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#

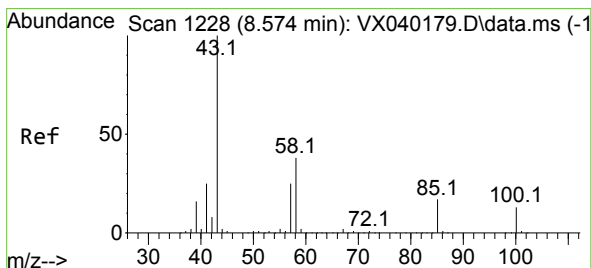
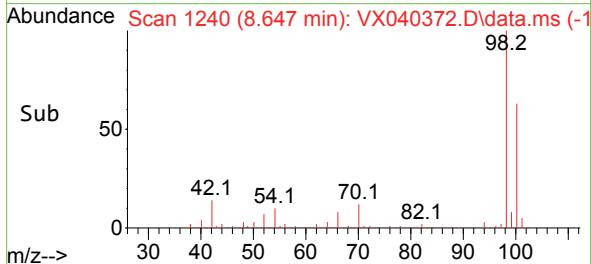
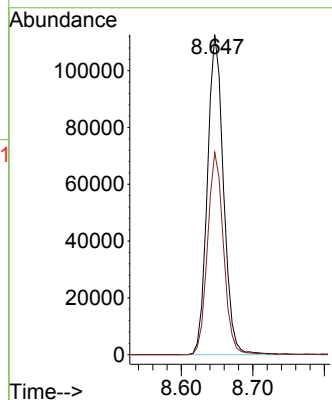
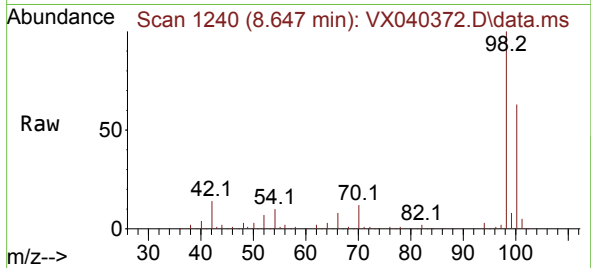




#50
Toluene-d8
Concen: 47.009 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

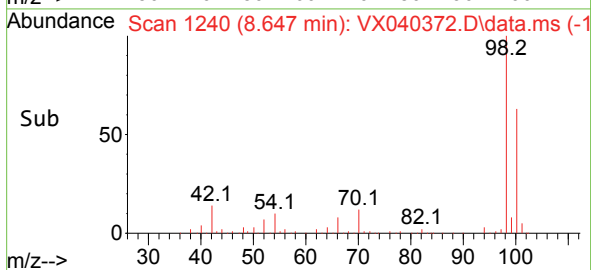
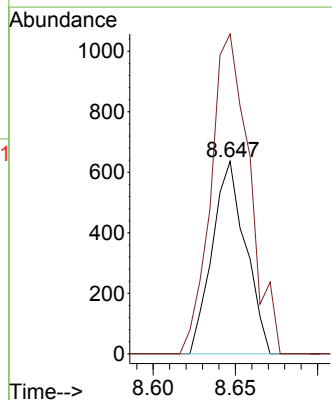
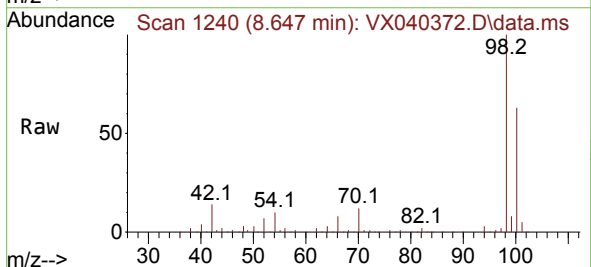
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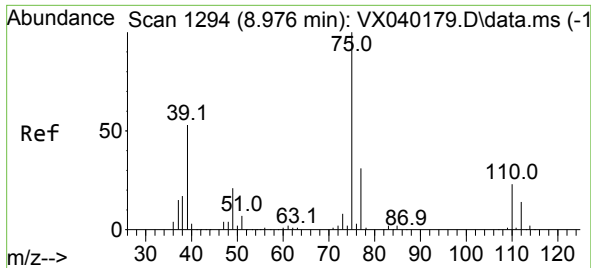
Tgt Ion: 98 Resp: 176215
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 192.0 30.4 45.6#

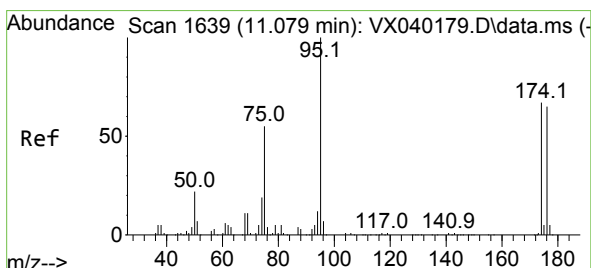
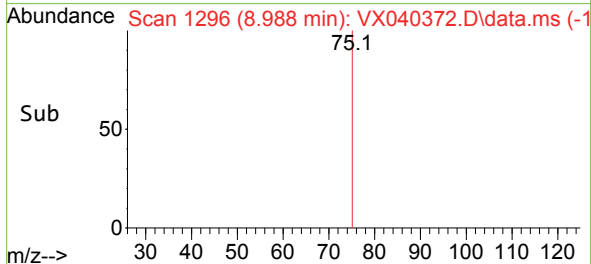
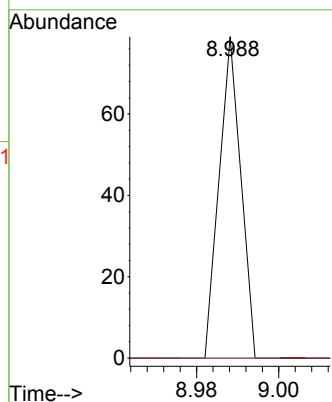
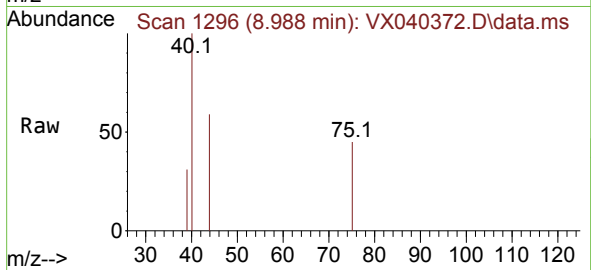




#53
 t-1,3-Dichloropropene
 Concen: 1.975 ug/l
 RT: 8.988 min Scan# 1296
 Delta R.T. 0.012 min
 Lab File: VX040372.D
 Acq: 21 Feb 2024 11:36

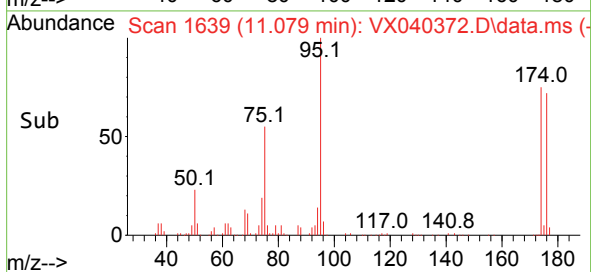
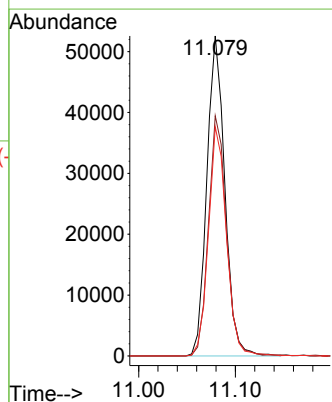
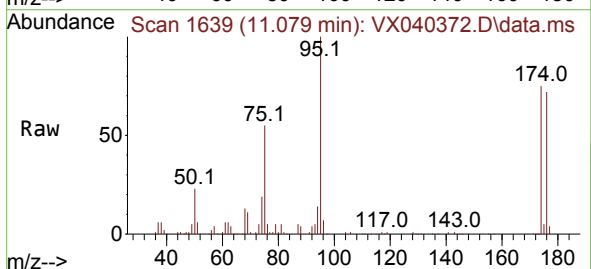
Instrument :
 MSVOA_X
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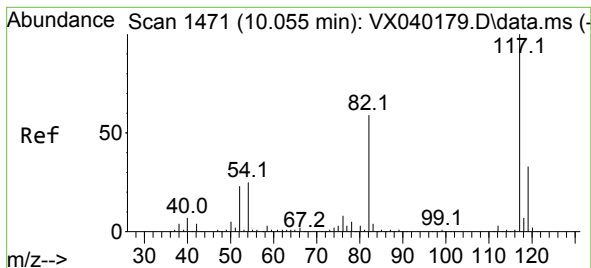
Tgt Ion: 75 Resp: 29
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#62
 4-Bromofluorobenzene
 Concen: 44.543 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX040372.D
 Acq: 21 Feb 2024 11:36

Tgt Ion: 95 Resp: 68098
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 135.6
 176 71.6 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBL01

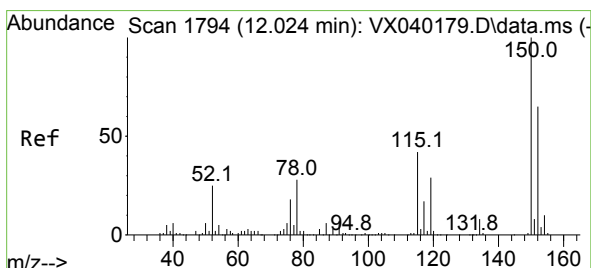
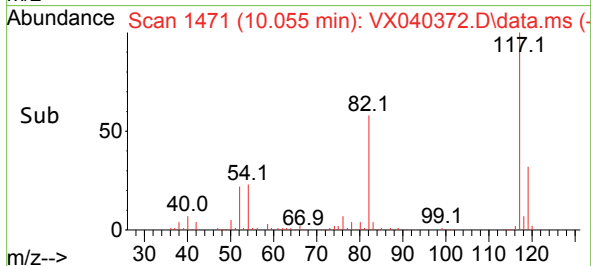
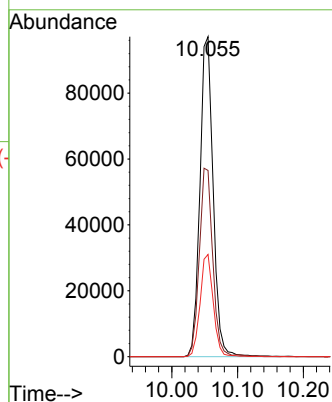
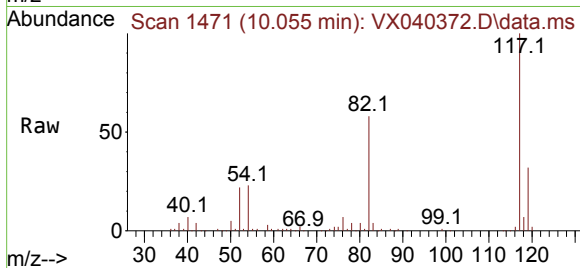
Tgt Ion:117 Resp: 135368

Ion Ratio Lower Upper

117 100

82 58.2 46.2 69.4

119 32.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

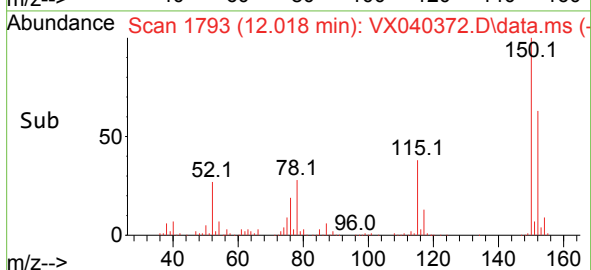
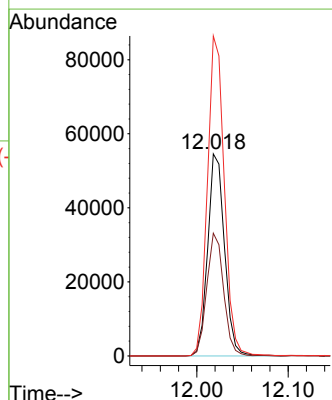
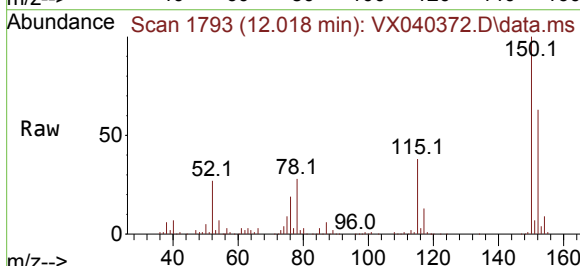
Tgt Ion:152 Resp: 69573

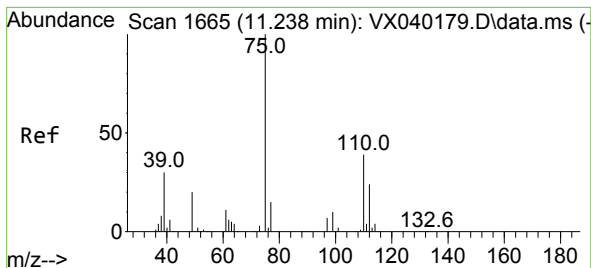
Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 158.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.681 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

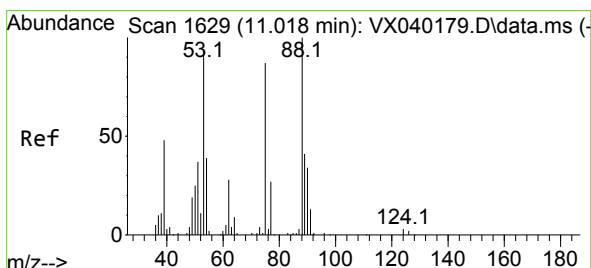
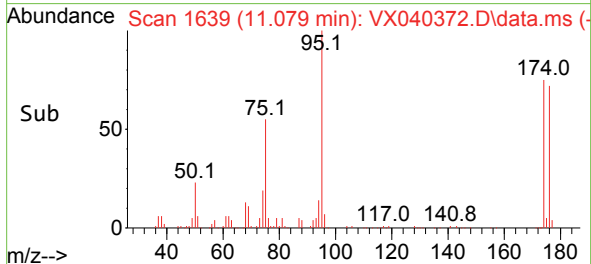
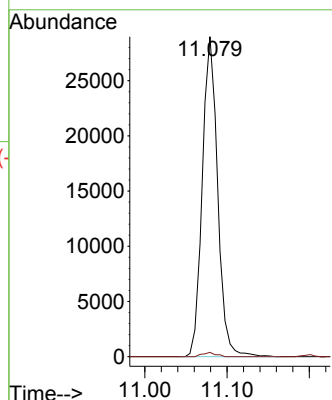
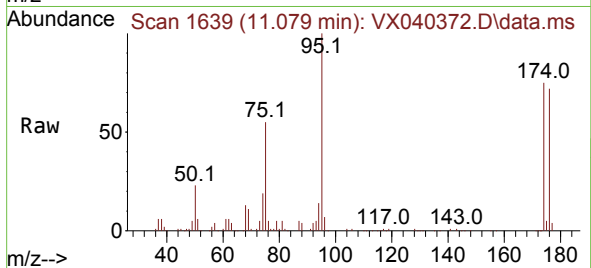
VX0221WBL01

Tgt Ion: 75 Resp: 37591

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.155 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

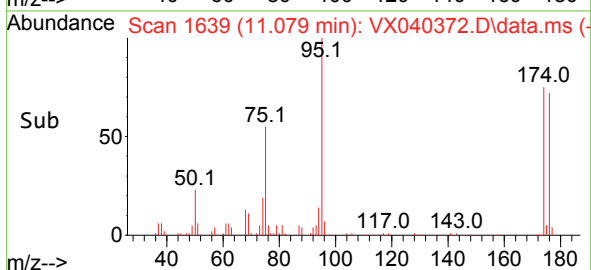
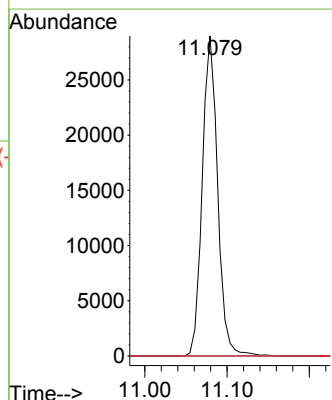
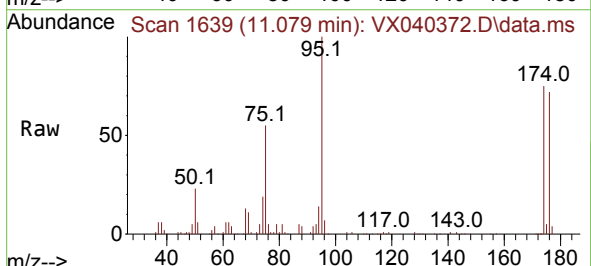
Tgt Ion: 75 Resp: 37591

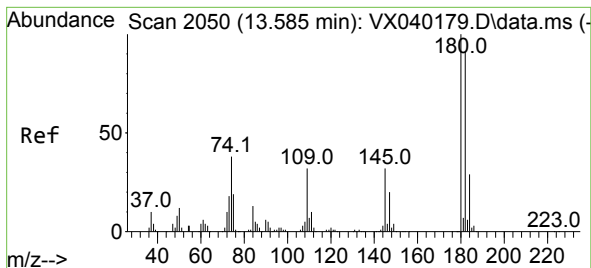
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.247 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBL01

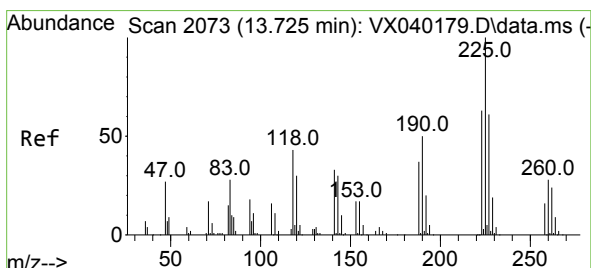
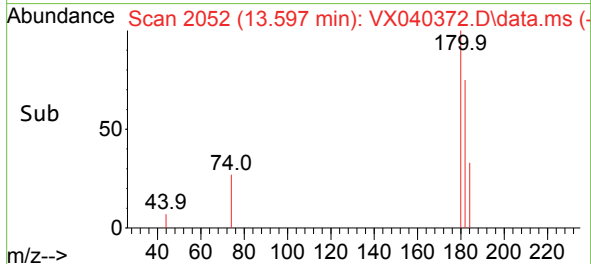
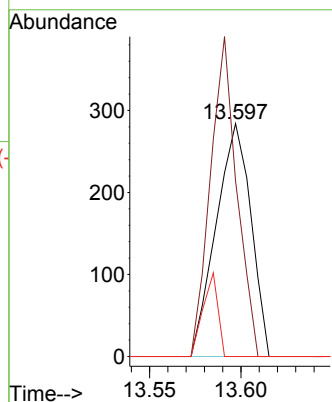
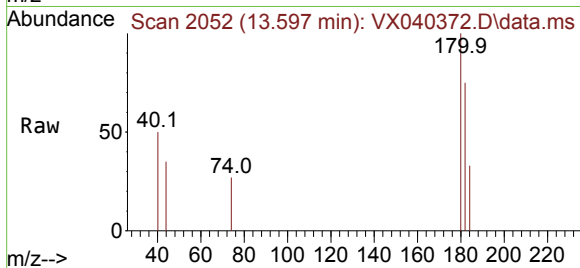
Tgt Ion:180 Resp: 375

Ion Ratio Lower Upper

180 100

182 104.5 48.3 144.8

145 15.5 18.0 54.0#



#94

Hexachlorobutadiene

Concen: 0.420 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX040372.D

Acq: 21 Feb 2024 11:36

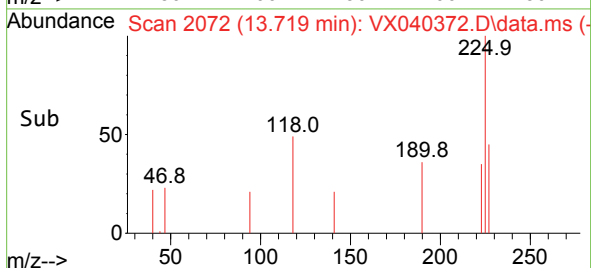
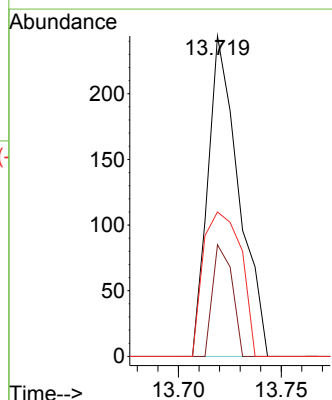
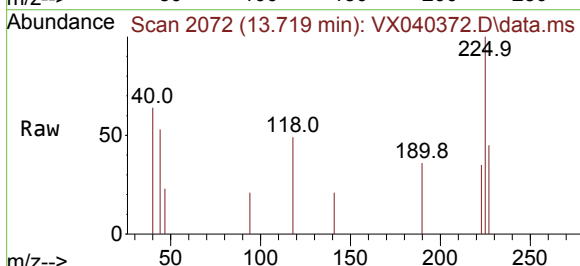
Tgt Ion:225 Resp: 255

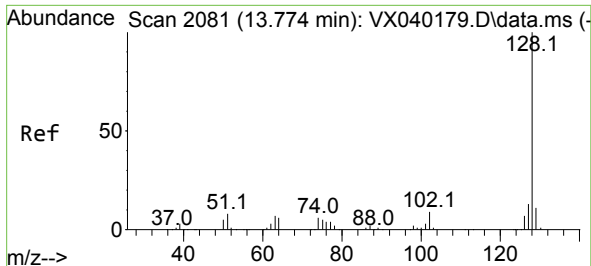
Ion Ratio Lower Upper

225 100

223 22.0 31.1 93.2#

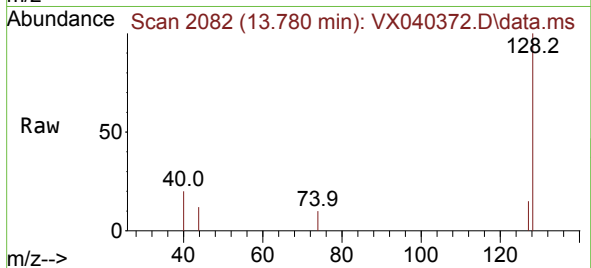
227 54.9 32.5 97.5



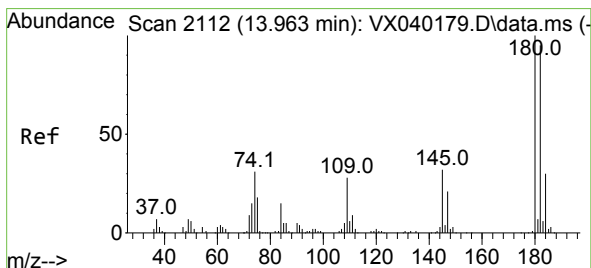
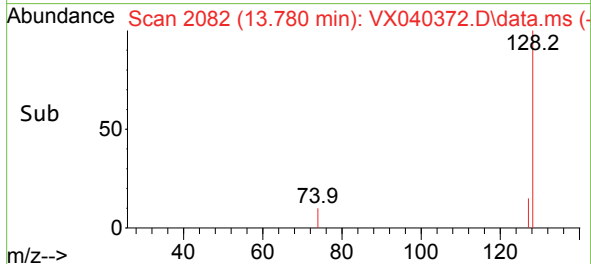
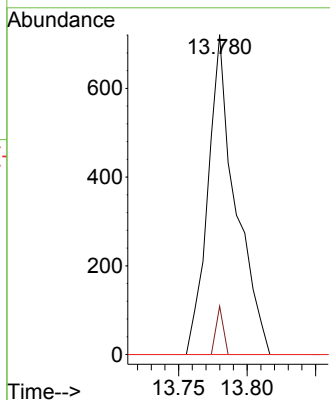


#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBL01



Tgt Ion:128 Resp: 1010
Ion Ratio Lower Upper
128 100
127 4.0 10.3 15.5#
129 0.0 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.238 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX040372.D
Acq: 21 Feb 2024 11:36

Tgt Ion:180 Resp: 345
Ion Ratio Lower Upper
180 100
182 67.8 46.9 140.6
145 33.9 17.8 53.5

